

U.S. App. No. 09/854,764Atty. Docket No.: 155-01**II. IN THE CLAIMS:**

Please amend the claims according to the status designations in the following claim listing:

1. (Currently Amended) A remote control imaging system comprising:
an imaging platform connected to a support vehicle in which the imaging platform is
capable of controllable motion about three orthogonal axes;
an imaging device supported by attached to the imaging platform;
~~and a remote control~~ a telecontrol unit capable of being control by one or more operators,
having a video display for displaying the output of the imaging device, one or
more imaging platform motion controls, at least one of iris, zoom, and a focus
controller for the imaging device, a voltage regulator, hour meter, a selectable
response speed control to control the speed and degree of the imaging device,
flight controls to control movement of the support vehicle, in which said
telecontrol unit controls the movement of the imaging platform independent of
the flight control for said support vehicle;
~~and a camera control handle fixed to the telecontrol unit, in which the camera control~~
handle controls functions of the telecontrol unit including but not limited to the
platform motion controls, iris, zoom, focus for the imaging device, and a camera
on/off control, in which said camera control handle can be used in addition to or
in lieu of the controls on the telecontrol unit.
2. (Original) The system of claim 1 further comprising: a camera system control
for providing wireless interconnection between the imaging device and the remote
control, the camera system control having multiple independent channels of
operation for at least one of iris, zoom, and focus controller, and proportional
control outputs to the imaging device.
3. (Previously Presented) The system of claim 2 further comprising: a camera
interface for connecting the imaging device and the camera system control.
4. (Original) The system of claim 1 further comprising: a universal adapter for
connecting the imaging platform to a variety of support devices.

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5. (Original) The system of claim 1 wherein the remote control further comprises: a video receiver interface.
6. (Original) The system of claim 5 wherein the video receiver interface further comprises: an external video receiver interface.
7. (Original) The system of claim 5 wherein the video receiver interface further comprises: multiple video receivers, in parallel or series.
8. (Original) The system of claim 5 wherein the video receiver interface further comprises: an exchangeable video receiver.
9. (Original) The system of claim 1 wherein the imaging platform motion control further comprises: a joystick.
10. (Original) The system of claim 1 wherein the imaging platform motion control further comprises: a selectable response speed controller.
11. (Original) The system of claim 1 wherein the at least one of iris, zoom, and focus controller further comprises: a corresponding fine adjustment controller.
12. (Original) The system of claim 1 wherein the remote control further comprises: an independent power source.
13. (Original) The system of claim 12 wherein the independent power source further comprises: one or more batteries.
14. (Original) The system of claim 1 wherein the video display further comprises: a video monitor.
15. (Original) The system of claim 1 wherein the video display further comprises: a television tuner.
16. (Original) The system of claim 1 wherein the remote control further comprises: a programming display and control.
17. (Original) The system of claim 1 wherein the remote control further comprises: an on-board communication package allowing interaction between a remote control operator and other personnel.
18. (Original) The system of claim 1 wherein the remote control further comprises: a wireless connection to at least one of the imaging device or imaging

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platform.

19. (Currently Amended) A remote control device comprising:

a video display for displaying the output of an imaging device; one or more imaging platform motion controls; at least one of iris, zoom, and focus controller for the imaging device; and a camera control handle ~~having one or more camera functions; fixed to the remote control device, in which the camera control handle controls functions of the remote control device including but not limited to the platform motion controls, iris, zoom, focus for the imaging device, and a camera on/off control, in which said camera control handle can be used in addition to or in lieu of the controls on the remote control device.~~

20. (Original) The device of claim 19 wherein the remote control further comprises: a video receiver interface.

21. The device of claim 20 wherein the video receiver interface further comprises: an external video receiver interface.

22. (Original) The device of claim 20 wherein the video receiver interface further comprises: multiple video receivers, in parallel or series.

23. (Original) The device of claim 20 wherein the video receiver interface further comprises: an exchangeable video receiver.

24. (Original) The device of claim 19 wherein the imaging platform motion control further comprises: a joystick.

25. (Original) The device of claim 19 wherein the imaging platform motion control further comprises: a selectable response speed controller.

26. (Original) The device of claim 19 wherein the at least one of iris, zoom, and focus controller further comprises: a corresponding fine adjustment controller.

27. (Original) The device of claim 19 wherein the remote control further comprises: an independent power source.

28. (Original) The device of claim 27 wherein the independent power source further comprises: one or more batteries.

29. (Original) The device of claim 19 wherein the video display further comprises: a video monitor.

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30. (Original) The device of claim 19 wherein the video display further comprises: a television tuner.

31. (Original) The device of claim 19 wherein the remote control further comprises: a programming display and control.

32. (Original) The device of claim 19 wherein the remote control further comprises: an on-board communication package allowing interaction between a remote control operator and other personnel.

33. (Original) The device of claim 19 wherein the remote control further comprises: a wireless connection to at least one of the imaging device or imaging platform.

34. (Currently Amended) A device for use in a conventional arrangement for remotely operating an imaging device, ~~and an imaging platform, and a support vehicle~~, including a plurality of operators and operating equipment, wherein the device comprises:

a remote control having a video display for displaying the output of the imaging device, one or more imaging platform motion controls, at least one of iris, zoom, ~~and a focus controller for the imaging device, and a voltage regulator, hour meter, a selectable response speed control to control the speed and degree of the imaging device, flight controls to control movement of the support vehicle, in which said remote control is capable of controlling the movement of the imaging platform independent of the flight control for said support vehicle;~~

a camera control handle ~~having one or more camera functions fixed to the remote control, in which the camera control handle controls functions of the remote control including but not limited to the platform motion controls, iris, zoom, focus for the imaging device, and a camera on/off control, in which said camera control handle can be used in addition to or in lieu of the controls on the remote control.~~

35. (Original) The device of claim 34 wherein the remote control further comprises: a video receiver interface.

36. (Original) The device of claim 35 wherein the video receiver interface further comprises: an external video receiver interface.

37. (Original) The device of claim 35 wherein the video receiver interface further comprises: multiple video receivers, in parallel or series.

38. (Original) The device of claim 35 wherein the video receiver interface further

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comprises: an exchangeable video receiver.

39. (Original) The device of claim 34 wherein the imaging platform motion control further comprises: a joystick.

40. (Original) The device of claim 34 wherein the imaging platform motion control further comprises: a selectable response speed controller.

41. (Original) The device of claim 34 wherein the at least one of iris, zoom, and focus controller further comprises: a corresponding fine adjustment controller.

42. (Original) The device of claim 34 wherein the remote control further comprises: an independent power source.

43. (Original) The device of claim 42 wherein the independent power source further comprises: one or more batteries.

44. (Original) The device of claim 34 wherein the video display further comprises: a video monitor.

45. (Original) The device of claim 34 wherein the video display further comprises: a television tuner.

46. (Original) The device of claim 34 wherein the remote control further comprises: a programming display and control.

47. (Original) The device of claim 34 wherein the remote control further comprises: an on-board communication package allowing interaction between a remote control operator and other personnel.

48. (Original) The device of claim 34 wherein the remote control further comprises: a wireless connection to at least one of the imaging device or imaging platform.